

NOvA Experiment Status

All Experimenter's Meeting

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Operations – Summary



❑ BEAM:

- Since the RR issue we get 300 kW.

❑ NearDet:

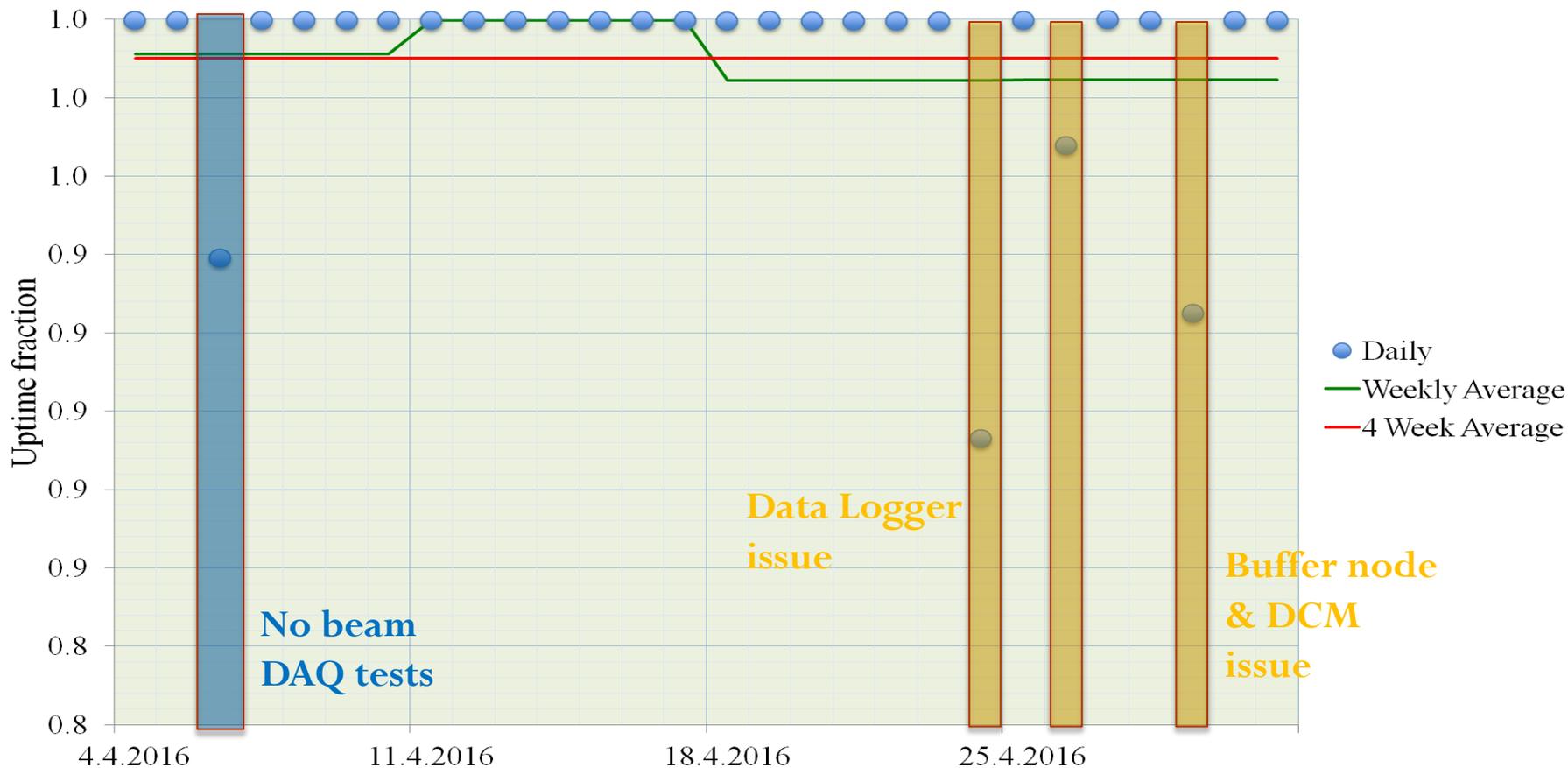
- The NuMI line power glitch caused one of two Dry Gas compressor set to the failure mode a week ago. After an expert investigation it was found functional and it is back.
- A couple of short DAQ downtimes and 2 Spill Server issues.

❑ FarDet:

- Two shorter down times when DAQ crashed, otherwise smooth data taking continued.

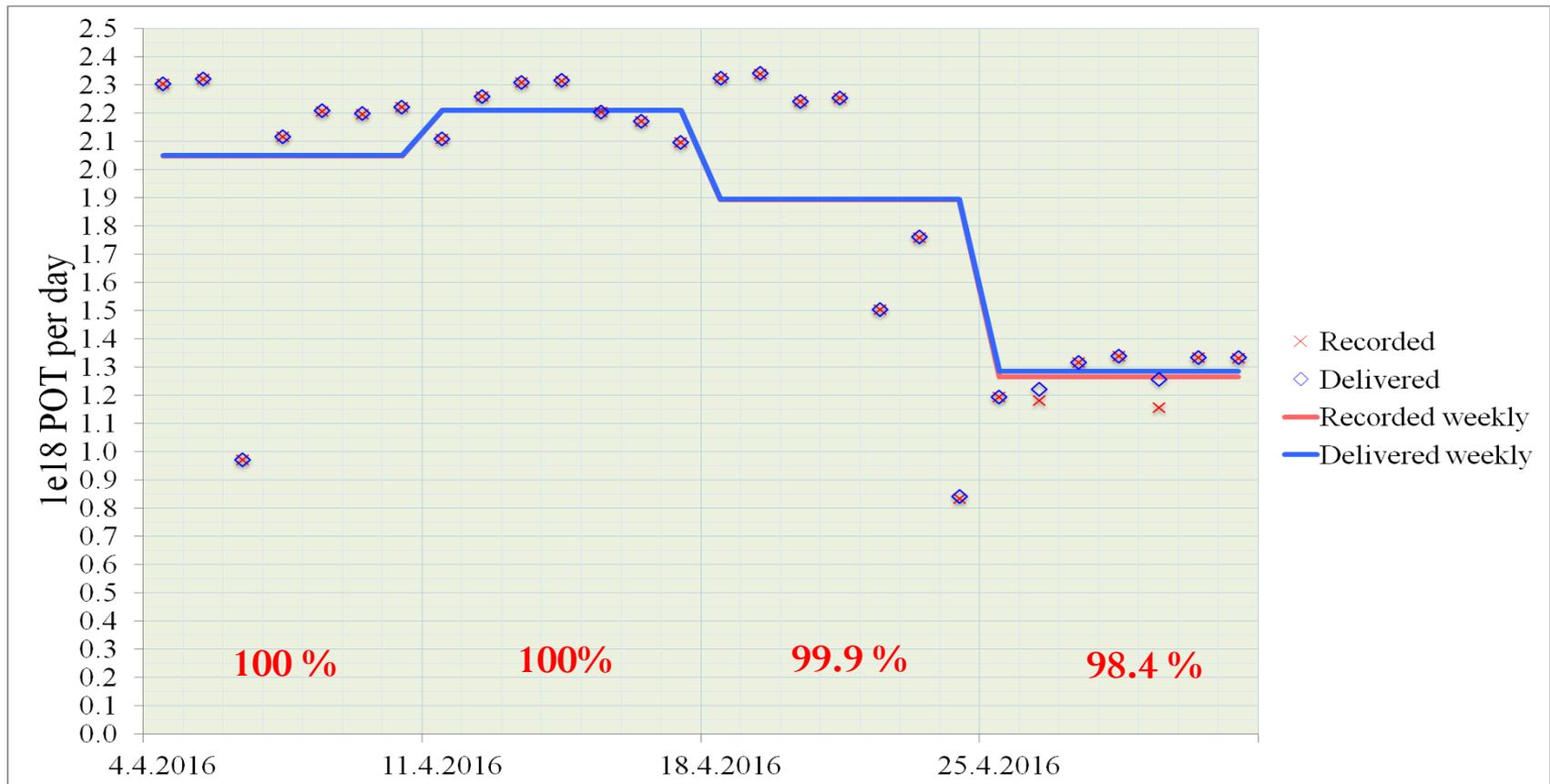
❑ Control Room: 11 ROCs (+FNAL) now operational.

FD: Data taking Uptime



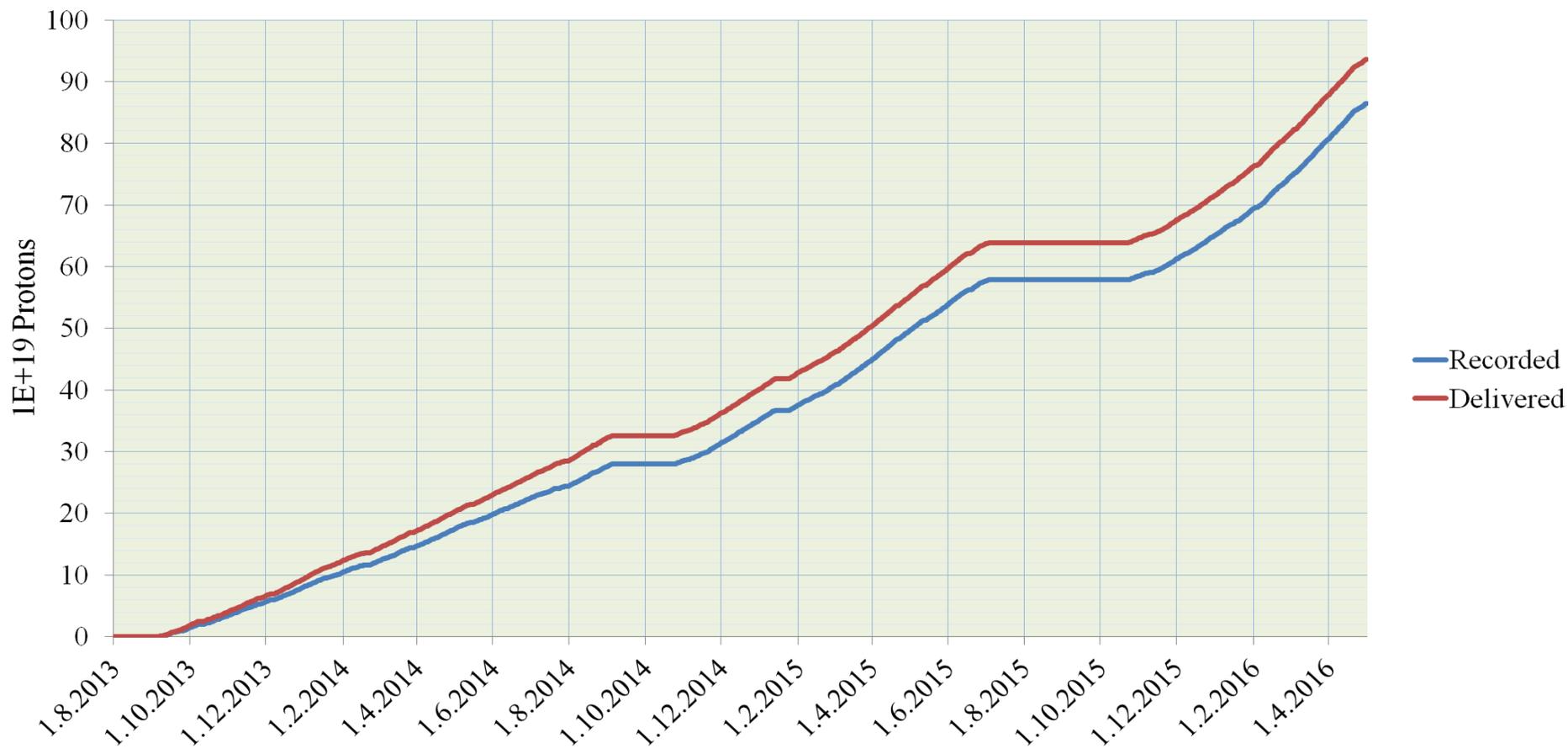
- We had again very good last week – 98.5% uptime (4w 99.0%).
- Two shorter DAQ issues on Tue and Fri.
- In the first case one of DDT (non-NuMI) trigger caused 15+GB event large enough to put the DAQ down, the second crash recovery a bit longer with other dcm issue.

FD: POTs delivered/recorded



- Last week efficiency “only” 98.4%, we took 8.86 of 9.00 e18 POTs.
- The good averaged day POTs is 1.3 e18 comparing of 2.3 e18 before the RR event.
- Since this point we took 10+ e18 POTs.

FD: Accumulated POTs – all years



➤ 2013/14: 280/326 e18 POTs (86%) + 2014/15: 298.5/312.5* e18 POTs (95.5%) [253days]

➤ 2015/16: 285.9/297.4 e18 POTs (96.1%) [210 days]

*) Including 20.8e18 POTs horn-off data and 2.6e18 non-nominal horn current data.